

<110> Heston, Warren D.W.  
O'Keefe, Denise S.

<120> DNA Encoding the Prostate-Specific Membrane  
Antigen-Like Gene and Uses Thereof

<130> D6230

<140> USSN 09/973,382

<141> 2001-10-09

<150> PCT/US00/09417

<151> 2000-04-09

<160> 38

<210> 1

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<212> DNA

<213> *Homo sapiens*

<220>

<223> cDNA sequence of PSMA-like gene

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 50 55 60  
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SEQ 2

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SEQ 3

Lys Tyr Ala Gly Glu Ser Phe Pro Gly Ile Tyr Asp Ala Leu Phe  
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 Ser Asn Glu Ala Thr Asn Ile Thr Pro Lys His Asn Met Lys Ala  
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SEQ 5

Phe Leu Asp Glu Leu Lys Ala Glu Asn Ile Lys Lys Phe Leu Tyr  
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 125 130 135  
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 Tyr Glu Asn Val Ser Asp Ile Val Pro Pro Phe Ser Ala Phe Ser  
 155 160 165  
 Pro Gln Gly Met Pro Glu Gly Asp Leu Val Tyr Val Asn Tyr Ala  
 170 175 180  
 Arg Thr Glu Asp Phe Phe Lys Leu Glu Arg Asp Met Lys Ile Asn  
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 230 235 240  
 Ser Tyr Pro Asp Gly Trp Asn Leu Pro Gly Gly Gly Val Gln Arg  
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 260 265 270  
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SEQ 6

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SEQ 7

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SEQ 8



*Ins B1*

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regions of the PSMA-like gene (exon 2)

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clone used to amplify the corresponding  
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SEQ 9

*Ins B1*

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SEQ 10

*Ins  
B1*

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regions of the PSMA-like gene (exons 5-6)

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Ins  
B1

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<210> 22  
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regions of the PSMA-like gene (exon 12).

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SEQ 14

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regions of the PSMA-like gene (exon 13)

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regions of the PSMA-like gene (exon 13)

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regions of the PSMA-like gene (exon 14)

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regions of the PSMA-like gene (exon 14)

SEQ 15

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SEQ 16



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Ins  
B1

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regions of the PSMA-like gene (exon 18)

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SEQ 17

*Ins B1*

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<210> 36  
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regions of the PSMA-like gene (exon 19)

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PCR on cDNAs from various tissues

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SEQ 18

Ins  
Bl

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SEQ 19

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SEQ 18

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SEQ 19